

### Abstract of Disclosure

A system which has an electric device that functions in the system both as an electric motor for supplying power to machines and as a generator to  
5 generate electrical power. The system includes an outside source of power (an internal combustion engine, wind power, hydraulic power, human power, etc.) which powers the electric device to act as a generator, to generate electricity (electrical power). The electric device includes a stator and rotor, with a laminated iron core.